

We claim:

1. A method for cleaning a textile substrate, said method comprising the steps of:
 - 5 (a) providing a soiled textile substrate;
 - (b) applying an effective amount of a liquid cleaning composition to at least a
portion of said soiled textile substrate, wherein said liquid cleaning composition is comprised of:
 - 10 (i) less than about 75 parts by weight of at least one absorbent particulate selected from the group consisting of a urea formaldehyde polymeric material, polyurethane, polystyrene, phenol-formaldehyde resin particles, water insoluble inorganic salt adjuvants, cellulosic particles, diatomaceous earth particles, wood particles, particles made from grains
15 and other vegetable matter, cellulosic particles, inorganic particles and mixtures thereof, wherein said absorbent particulate has an average particle size of from about 10 to about 300 microns in diameter and an oil absorption value of at least 40;
 - 20 (ii) at least 35 parts water, wherein said water contains a surfactant sufficient to provide a surface tension of less than about 40 dynes per centimeter; and
 - (iii) from about 0.01 to about 50 parts by weight of a dispersion stabilizing agent selected from the group consisting of air, cellulosic polymers, starches, clay compounds, xanthan gums, polyacrylic acids
25 and esters, polyacrylamide, polyvinyl alcohol and mixtures thereof,

wherein said dispersion stabilizing agent is present in an amount
sufficient to produce a stable or easily redispersed dispersion; and

(c) agitating said liquid cleaning composition to produce a composite
material

5 comprised of said liquid cleaning composition and soil particles removed
from said soiled textile substrate;

(d) allowing said composite material to dry; and

(e) removing said composite material from said textile substrate.

10 2. The method of claim 1, wherein said step (b) of applying an effective amount of a
liquid cleaning composition comprises spraying said liquid cleaning composition onto
said soiled textile substrate using a trigger, pump, or electrical sprayer, wherein said
electrical sprayer is battery or power operated.

15 3. The method of claim 1, wherein said step (b) of applying an effective amount of a
liquid cleaning composition comprises dispensing said liquid cleaning composition onto
said soiled textile substrate from a packaging container, wherein the interior volume of
said packaging container is less than about one gallon.

20 4. The method of claim 3, wherein said packaging container includes a removable
cap for dispensing the liquid cleaning composition.

5. The method of claim 3, wherein said packaging container has a synthetic
applicator tip at one end of said packaging container.

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6. The method of claim 5, wherein said synthetic applicator tip includes an opening for dispensing said cleaning composition.

5 7. The method of claim 5, wherein said synthetic applicator tip is comprised of synthetic bristles or foam.

8. The method of claim 1, wherein said step (b) of applying an effective amount of a liquid cleaning composition comprises dispensing said liquid composition onto said soiled textile substrate using a carpet cleaning machine.

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9. The method of claim 8, wherein said soiled textile substrate is a carpet.

10. The method of claim 8, wherein said soiled textile substrate is an upholstery fabric.

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11. A method for cleaning a textile substrate, said method comprising the steps of:

- (a) providing a soiled textile substrate;
- (b) applying an effective amount of a liquid cleaning composition to at least a portion of said soiled textile substrate, wherein said liquid cleaning composition is comprised of:

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- (i) less than about 75 parts by weight of at least one absorbent particulate selected from the group consisting of a urea formaldehyde polymeric material, polyurethane, polystyrene, phenol-formaldehyde resin particles, water insoluble inorganic salt adjuvants, cellulosic particles, diatomaceous earth particles, wood particles, particles made from grains and other vegetable matter, cellulosic particles, inorganic particles and

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mixtures thereof, wherein said absorbent particulate has an average particle size of from about 10 to about 300 microns in diameter and an oil absorption value of at least 40;

(ii) at least 35 parts water, wherein said water contains a surfactant sufficient to provide a surface tension of less than about 40 dynes per centimeter;

(iii) from about 0.01 to about 50 parts by weight of a dispersion stabilizing agent selected from the group consisting of air, cellulosic polymers, starches, clay compounds, xanthan gums, polyacrylic acids and esters, polyacrylamide, polyvinyl alcohol and mixtures thereof, wherein said dispersion stabilizing agent is present in an amount sufficient to produce a stable or easily redispersed dispersion; and

(iv) from about 0.01 to about 50 parts by weight of a vacuum retrieval additive selected from the group consisting of polyoxyalkylene materials, aluminum silicate clay, hydrolyzed styrene maleic anhydride, and mixtures thereof; and

(c) agitating said liquid cleaning composition to produce a composite material comprised of said liquid cleaning composition and soil particles removed from said soiled textile substrate;

(d) allowing said composite material to dry; and

(e) removing said composite material from said textile substrate.

12. The method of claim 11, wherein said step (b) of applying an effective amount of a liquid cleaning composition comprises spraying said liquid cleaning composition onto said soiled textile substrate using a trigger, pump, or electrical sprayer, wherein said electrical sprayer is battery or power operated.

13. The method of claim 11, wherein said step (b) of applying an effective amount of a liquid cleaning composition comprises dispensing said liquid cleaning composition onto said soiled textile substrate from a packaging container, wherein the interior volume of
5 said packaging container is less than about one gallon.

14. The method of claim 13, wherein said packaging container includes a removable cap for dispensing the liquid cleaning composition.

10 15. The method of claim 13, wherein said packaging container has a synthetic applicator tip at one end of said packaging container.

16. The method of claim 15, wherein said synthetic applicator tip includes an opening for dispensing said cleaning composition.

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17. The method of claim 15, wherein said synthetic applicator tip is comprised of synthetic bristles or foam.

18. The method of claim 11, wherein said step (b) of applying an effective amount of
20 a liquid cleaning composition comprises dispensing said liquid composition onto said soiled textile substrate using a carpet cleaning machine.

19. The method of claim 18, wherein said soiled textile substrate is a carpet.

25 20. The method of claim 18, wherein said soiled textile substrate is an upholstery fabric.

21. A method for cleaning a textile substrate, said method comprising the steps of:

- (a) providing a soiled textile substrate;
- (b) applying an effective amount of a liquid cleaning composition to at least a portion of said soiled textile substrate, wherein said liquid cleaning composition is comprised of:

- (i) less than about 75 parts by weight of at least one absorbent particulate selected from the group consisting of a urea formaldehyde polymeric material, polyurethane, polystyrene, phenol-formaldehyde resin particles, water insoluble inorganic salt adjuvants, cellulosic particles, diatomaceous earth particles, wood particles, particles made from grains and other vegetable matter, cellulosic particles, inorganic particles and mixtures thereof, wherein said absorbent particulate has an average particle size of from about 10 to about 300 microns in diameter and an oil absorption value of at least 40;

- (ii) at least 35 parts water, wherein said water contains a surfactant sufficient to provide a surface tension of less than about 40 dynes per centimeter; and

- (iii) from about 0.01 to about 50 parts by weight of a dispersion stabilizing agent selected from the group consisting of air, cellulosic polymers, starches, clay compounds, xanthan gums, polyacrylic acids and esters, polyacrylamide, polyvinyl alcohol and mixtures thereof, wherein said dispersion stabilizing agent is present in an amount sufficient to produce a stable or easily redispersed dispersion;

- (iv) from about 0.01 to about 50 parts by weight of a vacuum retrieval additive selected from the group consisting of polyoxyalkylene materials,

aluminum silicate clay, hydrolyzed styrene maleic anhydride, and mixtures thereof; and

(v) from about 0.01 to about 50 parts by weight of an organic liquid selected from the group consisting of C₁ to C₄ aliphatic alcohols, high boiling hydrocarbon solvents; and mixtures thereof; and

(c) agitating said liquid cleaning composition to produce a composite material comprised of said liquid cleaning composition and soil particles removed from said soiled textile substrate;

(d) allowing said composite material to dry; and

(e) removing said composite material from said textile substrate.

22. The method of claim 21, wherein said step (b) of applying an effective amount of a liquid cleaning composition comprises spraying said liquid cleaning composition onto said soiled textile substrate using a trigger, pump, or electrical sprayer, wherein said electrical sprayer is battery or power operated.

23. The method of claim 21, wherein said step (b) of applying an effective amount of a liquid cleaning composition comprises dispensing said liquid cleaning composition onto said soiled textile substrate from a packaging container, wherein the interior volume of said packaging container is less than about one gallon.

24. The method of claim 23, wherein said packaging container includes a removable cap for dispensing the liquid cleaning composition.

25. The method of claim 23, wherein said packaging container has a synthetic applicator tip at one end of said packaging container.

26. The method of claim 25, wherein said synthetic applicator tip includes an opening for dispensing said cleaning composition.

5 27. The method of claim 25, wherein said synthetic applicator tip is comprised of synthetic bristles or foam.

28. The method of claim 21, wherein said step (b) of applying an effective amount of a liquid cleaning composition comprises dispensing said liquid composition onto said
10 soiled textile substrate using a carpet cleaning machine.

29. The method of claim 28, wherein said soiled textile substrate is a carpet.

30. The method of claim 28, wherein said soiled textile substrate is an upholstery
15 fabric.

31. A method for cleaning a textile substrate, said method comprising the steps of:
(a) providing a soiled textile substrate;
(b) applying an effective amount of a liquid cleaning composition to at least a
20 portion of said soiled textile substrate, wherein said liquid cleaning composition is comprised of:
(i) less than about 75 parts by weight of at least one absorbent particulate selected from the group consisting of a urea formaldehyde polymeric material, polyurethane, polystyrene, phenol-formaldehyde resin
25 particles, water insoluble inorganic salt adjuvants, cellulosic particles, diatomaceous earth particles, wood particles, particles made from grains

and other vegetable matter, cellulosic particles, inorganic particles and mixtures thereof, wherein said absorbent particulate has an average particle size of from about 10 to about 300 microns in diameter and an oil absorption value of at least 40;

5 (ii) at least 35 parts water, wherein said water contains a surfactant sufficient to provide a surface tension of less than about 40 dynes per centimeter;

(iii) from about 0.01 to about 50 parts by weight of a dispersion stabilizing agent selected from the group consisting of air, cellulosic
10 polymers, starches, clay compounds, xanthan gums, polyacrylic acids and esters, polyacrylamide, polyvinyl alcohol and mixtures thereof, wherein said dispersion stabilizing agent is present in an amount sufficient to produce a stable or easily redispersed dispersion; and
(iv) from about 0.01 to about 50 parts by weight of an acrylic stain
15 resist agent; and

(c) agitating said liquid cleaning composition to produce a composite material comprised of said liquid cleaning composition and soil particles removed from said soiled textile substrate;

(d) allowing said composite material to dry; and

20 (e) removing said composite material from said textile substrate.

32. The method of claim 31, wherein said step (b) of applying an effective amount of a liquid cleaning composition comprises spraying said liquid cleaning composition onto said soiled textile substrate using a trigger, pump, or electrical sprayer, wherein said
25 electrical sprayer is battery or power operated.

33. The method of claim 31, wherein said step (b) of applying an effective amount of a liquid cleaning composition comprises dispensing said liquid cleaning composition onto said soiled textile substrate from a packaging container, wherein the interior volume of said packaging container is less than about one gallon.

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34. The method of claim 33, wherein said packaging container includes a removable cap for dispensing the liquid cleaning composition.

35. The method of claim 33, wherein said packaging container has a synthetic
10 applicator tip at one end of said packaging container.

36. The method of claim 35, wherein said synthetic applicator tip includes an opening for dispensing said cleaning composition.

15 37. The method of claim 35, wherein said synthetic applicator tip is comprised of synthetic bristles or foam.

38. The method of claim 31, wherein said step (b) of applying an effective amount of a liquid cleaning composition comprises dispensing said liquid composition onto said
20 soiled textile substrate using a carpet cleaning machine.

39. The method of claim 38, wherein said soiled textile substrate is a carpet.

40. The method of claim 38, wherein said soiled textile substrate is an upholstery
25 fabric.

41. A system for cleaning a textile substrate, said system comprising:
- (a) a packaging container, wherein said packaging container includes
 - (i) a removable cap at one end of said packaging container;
 - 5 (ii) an applicator tip attached to said removable cap;
 - (iii) a scrubbing mechanism attached to said applicator tip; and
 - (iv) an interior volume of less than about one gallon; and
 - (b) a liquid cleaning composition within said packaging container, wherein said cleaning composition comprises:
 - 10 (i) less than about 75 parts by weight of at least one absorbent particulate selected from the group consisting of a urea formaldehyde polymeric material, polyurethane, polystyrene, phenol-formaldehyde resin particles, water insoluble inorganic salt adjuvants, cellulosic particles, diatomaceous earth particles, wood particles, particles made from grains and other vegetable matter, cellulosic particles, inorganic particles and mixtures thereof, wherein said absorbent particulate has an average particle size of from about 10 to about 300 microns in diameter and an oil absorption value of at least 40;
 - 15 (ii) at least 35 parts water, wherein said water contains a surfactant sufficient to provide a surface tension of less than about 40 dynes per centimeter; and
 - 20 (iii) from about 0.01 to about 50 parts by weight of a dispersion stabilizing agent selected from the group consisting of air, cellulosic polymers, starches, clay compounds, xanthan gums, polyacrylic acids and esters, polyacrylamide, polyvinyl alcohol and mixtures thereof,
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wherein said dispersion stabilizing agent is present in an amount
sufficient to produce a stable or easily redispersed dispersion; and
wherein said liquid cleaning composition is easily dispensed onto a textile substrate from
within said packaging container through said opening of said packaging container.

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42. The system of claim 41, wherein said scrubbing mechanism is a plurality of
synthetic bristles extending outward from said applicator tip.

43. The system of claim 41, wherein said scrubbing mechanism is a foam material.

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44. The system of claim 41, wherein said textile substrate is a carpet.

45. The system of claim 41, wherein said textile substrate is a fabric.

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46. The system of claim 45, wherein said fabric is an upholstery fabric.